

Attorney Docket No.: J2073(C)
Serial No.: 10/560,624
Filed: June 8, 2006
Confirmation No.: 9171

Amendments to the Specification:

Please replace the Title with the following amended :

IMPROVED MULTI-COMPARTMENT CONTAINER TO DISPENSE
SEPARATELY STORED DISSIMILAR MATERIALS

Please replace the paragraph at line 3, page 1, with the following amended paragraph:

BACKGROUND OF THE INVENTION

The present invention relates to a multi-compartment dispenser for separate storage of dissimilar substances which are to be kept separate for one reason or another, e.g. because they are mutually chemically reactive and/or are physically dissimilar/incompatible, or because one wants to have perceptually attractive product forms with e.g. different colours. Also provided is controlled dispensing when combined use of such substances is required, by application of external pressure on the dispenser body which is deformable, but not collapsible in intended use.

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Please replace the paragraph at line 14, page 1, with the following amended paragraph:

FIELD OF THE INVENTION

The Related Art

While formulating a variety of products such as food/non-food products it is particularly desired to keep the chemically/physically incompatible materials stored separately until use. Cosmetic compositions for topical applications to skin or hair and for dental applications may be formulated as creams, pastes, lotions, gels etc. It is often desirable to keep parts of the formulation separate during storage for various obvious reasons, but it would be highly desirable to dispense them together at the time of use. Apart from chemical incompatibility that makes it essential to be stored separately, there are times when the physical, e.g. rheological properties of the components are different, and hence can not be formulated as a single composition.

Please replace the paragraph at line 25, page 5, with the following amended paragraph:

SUMMARY OF THE INVENTION

According to a first aspect of the present invention there is provided a multi-compartment dispenser comprising:

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- i) deformable outer container body with a plurality of mutually separated compartments inside for separately storing desired dissimilar materials;
- ii) the said compartments separated by elastic partition(s);
- iii) each said compartment provided with a discharge outlet means adapted to provide a discharge aperture of an area proportional to the 'resistance to flow' raised to an exponent whose value is greater than zero, said 'resistance to flow' being of the material to be discharged from the respective compartments for controlled discharge of dissimilar materials from said discharge outlets.

Please replace the paragraph at line 23, page 6, bridging to page 7, with the following amended paragraph:

In accordance with another aspect of the present invention, the multi-compartment dispenser comprises a common outer deformable container body with plurality of elastic partitions members inside, with the adjacently facing partition members sealed together to internally define said plurality of compartments and to effectively transmit the deforming pressure on the container body to the various compartments required for regulated dispensing of the contents from the respective compartments.

| In some embodiments, the container may only have one elastic partition member separating the compartments.

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Please add the following new paragraph before the paragraph at line 24, page 8 as follows:

BRIEF DESCRIPTION OF THE DRAWING

The details of the invention, its objects and advantages are explained hereunder in greater detail in relation to non-limiting exemplary embodiments of the multi-compartment container in accordance with the present invention as per the accompanying figures, wherein:

Figure 1A is a front view of an embodiment of the container of the invention with outlet closed; and

Fig. 1B illustrates a front sectional view of an embodiment of the container in accordance with the present invention.

Please replace the paragraph at line 24, page 8, with the following amended paragraph:

DETAILED DISCUSSION OF THE INVENTION

The essential features of the present invention relating to a multi-compartment, deformable polymeric moulded container capable of uniform co-dispensing of

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spatially separated products from the container relate to the combination of the elasticity of the partition members in the container forming the compartments, and the compartment outlet means adapted to provide the selective discharge aperture in relation to the physical properties of the compositions stored and the ratio in which they have to be discharged. In particular, the containers may act so as to have active pressure equalization via the flexible membranes partition(s).

Please delete the paragraph at line 26, page 11 and lines 1-6 of page 12 as follows:

~~The details of the invention, its objects and advantages are explained hereunder in greater detail in relation to non-limiting exemplary embodiments of the multi-compartment container in accordance with the present invention as per the accompanying figures, wherein:~~

~~Figure 1A is a front view of an embodiment of the container of the invention with outlet closed; and~~

~~Fig. 1B illustrates a front sectional view of an embodiment of the container in accordance with the present invention.~~

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Please replace the paragraph at line 8, page 8, with the following amended paragraph:

As shown in said Figs 1A and 1B, the container ~~comprise~~ is formed of moulded polymeric shells ~~(1,2)~~ 1,2 having integral peripheral rims 11, 12 with flat sealing surfaces 13, 14. The elastic partition member ~~(3)~~ 3 is securely held between the rims of the two shells which are sealed together to form the compartments A and B. Formulation components are filled through the ~~holes~~ openings 15, 16 in the shells. ~~and valves~~ Valves 4 and 5 having the ~~apertures~~ 4A and 5A 6 and 7, are fitted in the ~~holes~~ openings 15 and 16 respectively. A cap ~~(6)~~ 8 is fitted so as to cover the apertures.